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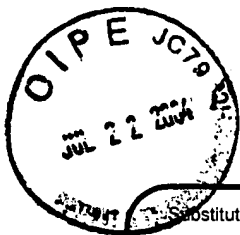
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/829,602; Confirmation No. 6864	
	Filing Date	04/22/2004	
	First Named Inventor	Hubbert	
	Art Unit	3662	
	Examiner Name		
Total Number of Pages in This Submission	2	Attorney Docket Number	36032.107

ENCLOSURES (check all that apply)				
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 2 U.S. patent references and 9 Non-patent literature documents		
<table border="1"><tr><td>Remarks</td></tr><tr><td>It is believed that no fees are due in this matter. However, if it is determined that fees are due, the Commissioner is authorized to debit Deposit Account No. 502622 for the required fees.</td></tr></table>			Remarks	It is believed that no fees are due in this matter. However, if it is determined that fees are due, the Commissioner is authorized to debit Deposit Account No. 502622 for the required fees.
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Firm or Individual name	Michael J. Setter, Reg. 37,936			
Signature				
Date	7-20-04			

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2

of 2

Complete if Known

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First Named Inventor	Hubbert, et al.
Art Unit	3662
Examiner Name	
Attorney Docket Number	36032.107

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	3	HUBBERT, J. C., et al., "Phase Coding for Polarimetric Radar," National Center for Atmospheric Research, Boulder, Colorado 80307, P4D.2	
	4	PAZMANY, ANDREW, et al., "Polarization Diversity Pulse-Pair Technique for Millimeter-Wave Doppler Radar Measurements of Severe Storm Features," Journal of Atmospheric and Oceanic Technology, Volume 16, 1999 American Meteorological Society, pgs. 1900-1911	
	5	DOVIK, R. J., et al., "Considerations for Polarimetric Upgrades to Operational WSR-88D Radars," Journal of Atmospheric and Oceanic Technology, March 2000, Volume 17, pgs. 257-278	
	6	FRUSH, C., et al., "Application of the SZ Phase Code to Mitigate Range-Velocity Ambiguities in Weather Radars," Journal of Atmospheric and Oceanic Technology, April 2002, Volume 19, American Meteorological Society, pgs. 413-430	
	7	HUBBERT, J. C., et al., "Studies of the Polarimetric Covariance Matrix. Part I: Calibration Methodology," Journal of Atmospheric and Oceanic Technology, Volume 20, 30 July 2002, pgs. 696-706	
	8	HUBBERT, J. C., "Range-Velocity Mitigation Via SZ Phase Coding with Experimental S-Band Radar Data," 9B.1, ATD/NCAR, Boulder, Colorado, 31 st International Conference on Radar Meteorology, 10 August 2003, Seattle, Wash.	
	9	SACHIDANANDA, M. et al., "Systematic Phase Codes for Resolving Range Overlaid Signals in a Doppler Weather Radar," Journal of Atmospheric And Oceanic Technology, Volume 16, October 1999, pgs. 1351-1363	
	10	SACHIDANANDA, M. et al., "An Improved Clutter Filtering and Spectral Moment Estimation Algorithm for Staggered PRT Sequences," Journal of Atmospheric and Oceanic Technology, Volume 19, December, 2002, American Meteorological Society, pgs 2009-2019	
	11	SACHIDANANDA, M., "Unambiguous Range Extension by Overlay Resolution in Staggered PRT Technique," Journal of Atmospheric and Oceanic Technology, May 2003, pgs. 673-684	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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